

Sankalp Equipments Pvt. Ltd.

ISO 9001:2015 CERTIFIED

www.sankalpequipments.com



Introduction

We, Sankalp Equipments Pvt. Ltd. (SEPL) started in the year of 2006 as a Sankalp Enterprises in the field of fabrication industry. Later in 2013 we became Sankalp Equipments Pvt. Ltd. (SEPL) with design, manufacturing, supply, erection and commissioning of process equipments & skid packaging.

Over the period from inception to till today, we have gained the experience and expertise in emerging industrial sectors. Now, we vision towards to contribution in “MAKE IN INDIA”, quality products and becoming a vital part of growing emerging industrial sectors with our supply and services.

SEPL is based at Pune, Maharashtra, India having developed manufacturing facility at Talwade & Chakan MIDC location which designed to handle variety of process equipments, skid packages by complying norms and quality requirements.

BUSINESS AREA

- Process Equipments: • Pressure Vessels • Heat Exchangers • Chemical Reactors • Receiver And Tanks.
- Filtration & Separation Equipments And Systems: • Simplex & Duplex Filters • Filtration Systems. • Separators types cyclone, multi cyclone, demister and vane pack.
- Applications : Gas • Oil • Water • Chemical & Speciality Chemicals.
Skid Packages: • Oil System • Water System • Compressor Packages • Gas Conditioning Skid • Chemical Dosing System • Special Purpose Systems • Trolley mounted oil transfer & filtration systems.

DESIGN AND ENGINEERING

- We are having engineering team, developed through training and experience in industrial sector.
- The complete basic engineering design which includes sizing, rating and detailed engineering for each equipment and packages for proposal as well order stages.
- The skid packages are designed with thorough knowledge of skid and skid package, selection of proper equipments including electrical and instrument items, the consideration of layout.
- The filters & filter packages engineering, design, modeling by SEPL
The special equipments designed in accordance with client specifications and requirements.
- Pressure vessels design by using PVelite & equivalent software.
- **The standards and codes :**
 - The American Society of Mechanical Engineers (ASME) Section VIII Div. 1, Div. 2
 - The European Pressure Equipment Directive (PED)
 - The American Petroleum Institute (API)
 - Piping standards American National Standards Institute (ANSI)
 - American Welding Society (AWS)
 - American Society for Testing and Materials (ASTM)
 - Tubular Exchanger Manufacturers Association (TEMA)
 - Other National & International codes

PROCESS EQUIPMENT

- Pressure Vessels, Heat exchanger, Separator, Receivers and Tanks.
- Design Standard: ASME SEC VIII Div I and II, API, IS2825 and other international standards.
- Special design according to client requirements.
- Material Handled: Carbon Steel, Stainless Steel, Super duplex steel & other alloy steel.
- Fabrication practices followed inline with good engineering ways.
- Pressure vessels up to 50 m³ capacity design, engineered manufactured & supplied.
- Maximum design pressure of 336 barg handled & supplied.
- Pressure vessels for gases, liquids and speciality chemicals service can be supplied.



FILTERS-SIMPLEX & DUPLEX TYPE

- Filters Elements: Cartridge Type (Pleated type) / Basket Type Filters. Integrally seamless design.
- Filter & elements completely designed by SEPL with high contamination retention capacity due to deep.
- Filtration process & Filtration area design for longer service life.
- Low flow resistance & low AP across elements.
- Filter elements design for safeguards high filtration efficiency even at extreme dynamic loads.
- Application supplied Oil, Gas ,Water and Chemical systems.
- Cartridge Filter element:**
 - Pleated type design & consisting of several pleated and supported layers of filtration and are placed as cylinder around or inside stabilising support plate.
 - Elements are designed for 0.3 microns to above.
 - Material as PE Felt, Glass Fibre, Micrglass, SS wire mesh.
 - Customized cartridge elements shall be design for specific customer requirement.
- Basket (Bucket) Filter Elements**
 - Basket elements are designed with efficient area and heavy duty baskets.
 - Baskets are made up of SS304, SS304L, SS316, SS316L & alloy steel depending upon the requirements.
 - Element is supported with inner and outer mesh for better support and integrity.
- Filter Housing**
 - Simplex Type or Duplex Type Design. Duplex Type filters connected with three way valve with changeover facility. Differential pressure tapping on filter housing as required.
 - Housing material Carbon Steel, Stainless Steel & alloy steel.



SKID MOUNTED PACKAGES

- We do engineering, design, modeling procurement of skid mounted packages for Oil System, Water System, Compressor Packages, Gas Conditioning Skid, Chemical Dosing System, Special Purpose Systems.
- Oil systems consist of with gear /screw pump with motor, duplex oil filter, oil coolers , self controlled valves, instrumentation & wiring up to junction box complete, piping, bare skid and other items.
- Water systems consist of centrifugal pumps with motor, simplex filter, duplex (stack) water cooler, self controlled valves, instrumentation & wiring up to junction box complete, piping, bare skid and other items.
- Compressor packages consisting of reciprocating compressor, pulsation vessels, coolers, piping, instrumentation & wiring up to junction box, main motor, bare skid and other accessories items.
- Gas conditioning skid consist of filters, multi filters, instruments like pressure, level, drain facility complete skid mounted package.
- Accessories items /bought out items as deemed necessary for packages shall be sourced from reputed vendors.



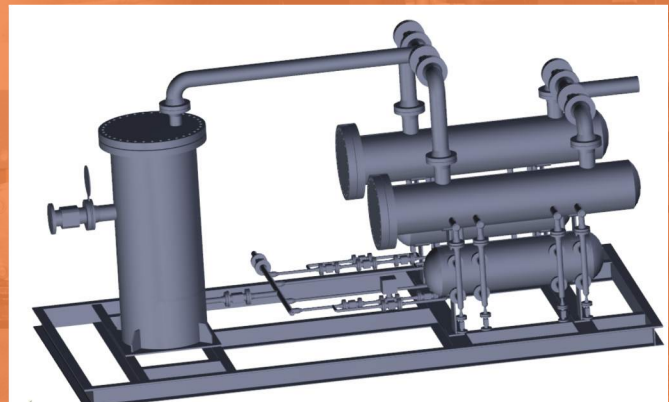
OIL SYSTEM



COMPRESSOR PACKAGE



WATER SYSTEM



GAS CONDITIONING SKID

OTHER / SPECIAL FABRICATED ITEMS

We also do design & manufacturing of :

- Modular skid mounted (trolley mounted) package for oil transfer/ filtration system.
- Flywheel Guard.
- Orifice Plates.
- Cone Strainer.
- Fabrication of Pipe Supports.
- Wedge Block Assembly.
- Instrument Rack.



TEAM & WORKS

TEAM

- Design Team
- Project / Production/ Procurement Team
- Quality Team / Outsourced services
- Code approved welders, Fitters, Helpers, etc.

WORKS

- Our plants is located at Talawde & Chakan MIDC area in Pune, Maharashtra , India
- Fully developed works for fabrication & packaging with all facilities and machineries including welding machines & tools & tackles as deemed required.
- Easy access to works and ease of availability for the sub vendors.

QUALITY POLICY



To design and manufacture advanced systems characterized by a superior quality and durability. We committed to quality of our products with satisfaction to customer for their hassle free operation and be part of their growth. We ensure this by offering superior quality in terms of design, performance and metallurgy, timely delivery, prompt after sales - service. We follow self defined quality assurance plan for the meeting the specified quality requirements. Our products will be manufactured in an environment conducive to the safety of our employees and with performance designed for the benefit of our environment.





CONTACT



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